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FS-00-001



April 20, 2005

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Fr: George O. Saile, Reg. No. 19,572
28 Davis Avenue
Poughkeepsie, N.Y. 12603

Subject: | Serial No. 10/041,044 01/09/02 |
Y.C. Lim
NEW FILTER BANK FOR GRAPHICS
EQUALIZER IMPLEMENTATION
| _____ |

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO-1449, Information Disclosure Citation
In An Application.

The following Patents and/or Publications are submitted to
comply with the duty of disclosure under CFR 1.97-1.99 and
37 CFR 1.56.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being
deposited with the United States Postal Service as first class
mail in an envelope addressed to: Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450, on April 21, 2005.

04/27/2005 GWORDDF1 00000017 190033 10041044
01 FC:1806 180.00 DA

Stephen B. Ackerman, Reg.# 37761

Signature/Date

S.B.A. 4/21/05

This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Action under 1.113 or Notice of Allowance under 1.311 (37CFR 1.97(c)).

The Commissioner is hereby authorized to charge the IDS Processing Fee of \$180, under 37 CFR 1.17(p), to Deposit Account No. 19-0033. A duplicate copy of this sheet is enclosed.

Saeed Vaseghi, Chapter 5, Digital Filters (online), Brunel University, West London, Dec. 17, 2001, (retrieved on Nov. 11, 2004), Retrieved from The Internet:<URL:
http://www.brunel.ac.uk/depts/ee/Research_Programme/COM/Home_Saeed_Vaseghi/, pages 7-11, 44, 46, 47, 57, introduces the general form of the equation for a linear time-invariant filter and considers the various methods of description of a filter in the time and frequency domains.

U.S. Patent 4,125,900 to Betts, "Cascaded Recursive Digital Filter," discusses cascaded filters, particularly cascaded recursive digital filters.

U.S. Patent 5,210,806 to Kihara et al, "Digital Audio Signal Processing Apparatus," discloses a digital audio signal processing apparatus of a type wherein a graphic equalizer including a plurality of filters connected in series to one another is subjected to arithmetic operation processing to be defined to thereby output the result of its processing as data therefrom.

Sincerely,

A handwritten signature in black ink, appearing to read 'SBA', is written over the typed name.

Stephen B. Ackerman,
Reg. No. 37761

APR 25 2005

(Use several sheets if necessary)

FS-00-001

Application Number

10/041, 044

Applicant

Y.C. Lim

Filing Date

01/09/02

Group Art Unit

TRADE
EQUINE
INITIAL

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Portion of Pages, Etc.)

Saeed Vaseghi, Chapter 5, Digital Filters (online), Brunel University, West London, 12/17/01, (retrieved on 11/11/01), from The Internet: <URL: http://www.brunel.ac.uk/depts/ee/Research_Programme/COM/Home_Saeed_Vaseghi/, pp. 7-11, 44, 46, 47, 57.

EXAMINER

DATE COMPLETED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.